

## \* NOTICES \*

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## CLAIMS

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[Utility model registration claim]

[Claim 1] It is the carton box with a dashboard which has a body of a carton box, and the dashboard which divides the interior of this body of a carton box into two. The crossing section in which it bends, and has the section and said body of a carton box crosses the location in which four lateral portions and each lateral portions were formed up and down, respectively, and where said dashboard divides the interior of said body of a carton box into two equally, \*\*\*\*\* which is mutually bent in the shape of a L character crank to the crossing section concerned to hard flow on both sides of this crossing section, and opposite-\*\* in the side-face circles wall of said body of a carton box, respectively, It has the piece of inside bending in which any two of three parts which consist of said crossing sections and two \*\*\*\*\* were formed up and down, respectively. The carton box with a dashboard characterized by being bent in piles the base inside and inside [ head-lining side ] said body of a carton box with which 2 \*\*\*\*\* of each piece of inside bending of said dashboard by which insertion arrangement was carried out were carried out inside said body of a carton box. [ of each building envelope ]

[Claim 2] It is the carton box with a dashboard which has a body of a carton box, and the dashboard which divides the interior of this body of a carton box into two. Bend and it has the section (3a, 3b). four lateral portions which said body of a carton box (1) becomes from the narrow lateral portion (2b) which counters the broad lateral portion (2a) which counters mutually, and mutual, and each lateral portions were formed up and down, respectively -- The crossing section which the breadth of said broad lateral portion is twice the breadth of said narrow lateral portion, and said dashboard (10) crosses said interior of the body of a carton box in the location which carries out breadth of said broad lateral portion for 2 minutes, and forms the building envelope (20 21) of the shape of the two forward square pole (11), \*\*\*\*\* which is mutually bent in the shape of a L character crank to the crossing section concerned to hard flow on both sides of this crossing section, and opposite-\*\*, respectively in the abbreviation one half of each broad side-face circles wall of said body of a carton box (12), It has the piece of inside bending (13) formed in two tops of the three parts which consist of said crossing sections and two \*\*\*\*\*, and the two bottoms, respectively. The carton box with a dashboard with which each piece of inside bending is characterized by the thing of the base inside of each building envelope, and the head-lining side inside mostly bent in piles over the whole region.

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**DETAILED DESCRIPTION**

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[Detailed explanation of a design]

[0001]

[The technical field to which a design belongs]

This design is related with the carton box with a dashboard suitable for two containing the bag in which fine particles and a granulation object were put.

[0002]

[Description of the Prior Art]

Inserting a dashboard inside a carton box and containing two or more goods from the former, is performed. However, what there is no device according to rank in a dashboard, for example, two or more sheets of paper boards were made to cross, and was combined is common.

[0003]

[Problem(s) to be Solved by the Device]

By the way, in order that there may be no operation which controls the swelling of the side-face part of the carton box at the time of containing goods as it is the conventional dashboard, the goods to contain produce the swelling of the side-face part of a carton box in connection with deformation of the bag concerned etc. as it is the bag in which fine particles and a granulation object were put. For this reason, deformation of the bag in which deformation of a carton box and fine particles, and a granulation object were put in the transportation middle class becomes remarkable, space is made in the upper part of a carton box, and the problem taken for the fine particles in a bag and the volume of a granulation object being insufficient also crops up.

[0004]

There is little deformation and the purpose of this design has it in offering the carton box with a dashboard which packs up internal receipt goods certainly and can protect them, even when the bag in which fine particles and a granulation object were put is contained in view of the above-mentioned point.

[0005]

Other purposes and new descriptions of this design are clarified in the gestalt of the below-mentioned operation.

[0006]

[Means for Solving the Problem]

In order to attain the above-mentioned purpose, the 1st carton box with a dashboard concerning this design It is what has a body of a carton box, and the dashboard which divides the interior of this body of a carton box into two. Said body of a carton box has four lateral portions and the bending section in which each lateral portion was formed up and down, respectively. The crossing section in which said dashboard crosses the location which divides the interior of said body of a carton box into two equally, \*\*\*\*\*, which is mutually bent in the shape of a L character crank to the crossing section concerned to hard flow on both sides of this crossing section, and opposite-\*\* in the side-face circles wall of said body of a carton box, respectively, It has the piece of inside bending formed in two tops of the three parts which consist of said crossing sections and two \*\*\*\*\*, or the two bottoms, respectively. It is characterized by being bent in piles the base inside and inside [ head-lining side ] said body of a carton box with which

2 \*\*\*\*\* of each piece of inside bending of said dashboard by which insertion arrangement was carried out were carried out inside said body of a carton box. [ of each building envelope ]

[0007]

The 2nd carton box with a dashboard concerning this design It is what has a body of a carton box, and the dashboard which divides the interior of this body of a carton box into two. Said body of a carton box has four lateral portions which consist of narrow lateral portions which counter the broad lateral portion which counters mutually, and mutual, and the bending section in which each lateral portion was formed up and down, respectively. The breadth of said broad lateral portion is twice the breadth of said narrow lateral portion. The crossing section which said dashboard crosses said interior of the body of a carton box in the location which carries out breadth of said broad lateral portion for 2 minutes, and forms the building envelope of the shape of the two forward square pole, \*\*\*\*\* which is mutually bent in the shape of a L character crank to the crossing section concerned to hard flow on both sides of this crossing section, and opposite-\*\*, respectively in the abbreviation one half of each broad side-face circles wall of said body of a carton box, It has the piece of inside bending formed in two tops of the three parts which consist of said crossing sections and two \*\*\*\*\*, and the two bottoms, respectively. each piece of inside bending is characterized by the thing of the base inside of each building envelope, and the head-lining side inside mostly bent in piles over the whole region.

[0008]

[The gestalt of implementation of a design]

Hereafter, the gestalt of operation of the carton box with a dashboard concerning this design is explained according to a drawing.

[0009]

Drawing 1 thru/or drawing 4 are the gestalten of operation of the carton box with a dashboard concerning this design, and consists of a body 1 of a carton box, and a dashboard 10 which divides the interior of this body 1 of a carton box into two, and forms two forward square pole-like space.

[0010]

As shown in drawing 1 , said body 1 of a carton box has narrow lateral portion 2b used as broad lateral portion 2a and left and right laterals used as four lateral portions, i.e., the front face which counters mutually, and a tooth back, and each lateral portion 2a, broad bending section 3a in which 2b was formed up and down, respectively and narrow bending section 3b. A dotted line A shows the bend line (bending location) of each bending sections 3a and 3b.

[0011]

The crossing section 11 in which the dashboard 10 which consists of a corrugated paper plate, on the other hand, crosses the location which divides the interior of said body 1 of a carton box into two equally, \*\*\*\*\* 12 which is mutually bent in the shape of a L character crank to the crossing section 11 concerned to hard flow on both sides of this crossing section 11, and opposite-\*\*, respectively to the broad lateral portion 2a wall of said body of a carton box, It has the piece 13 of inside bending in which any two of three parts which consist of said crossing sections 11 and two \*\*\*\*\* 12 (they are the crossing section and \*\*\*\*\* of one side at this example) were formed up and down, respectively.

If it puts in another way, said piece 13 of inside bending will be formed in said three parts two tops and two bottoms.

[0012]

And the bending sections 3a and 3b by the side of the base of the body 1 of a carton box are bent and closed like drawing 2 . Usually, after bending narrow bending section 3b at a right angle to a lateral portion, broad bending section 3a is bent, and adhesive tape etc. maintains the base of the body 1 of a carton box at a state of obstruction. then, the dashboard 10 -- a need part is bent beforehand and insertion arrangement is carried out inside the body 1 of a carton box. At this time, the building envelopes 20 and 21 of two isochore products divided with the dashboard 10 become forward square pole-like by carrying out 2 \*\*\*\*\* of the interior of the body 1 of a carton box with a dashboard 10, and setting up the breadth of broad lateral portion 2a the twice of the breadth of narrow lateral portion 2b beforehand like drawing 4 , by becoming the location

where the crossing section 11 carries out breadth of broad lateral portion 2a for 2 minutes. Moreover, along with the base inside of building envelopes 20 and 21, the piece 13 of inside bending of the dashboard 10 bottom was bent, respectively, and it has lapped over the whole region mostly with the top for the bottom surface part which consists of the bending sections 3a and 3b of the body 1 bottom of a carton box (it becomes a double bottom substantially). Moreover, each \*\*\*\*\* 12 is \*(ed) in the abbreviation one half by the side of each broad side-face circles an opposite, and has reinforced it.

[0013]

The bag 25 which was by carrying out and put fine particles and a granulation object in the building envelopes 20 and 21 of the volume, such as having been divided with the dashboard 10, is contained like drawing 4, respectively, and after bending the piece 13 of inside bending of a dashboard 10 top and taking up the head-lining side (top face) of building envelopes 20 and 21 like drawing 2, the bending sections 3a and 3b by the side of the head-lining side of the body 1 of a carton box are bent and closed like drawing 3. Usually, after bending narrow bending section 3b at a right angle to a lateral portion, broad bending section 3a is bent, and adhesive tape etc. maintains the head-lining side (top face) of the body 1 of a carton box at a state of obstruction. At this time, the piece 13 of inside bending of dashboard 10 top is bent along with the head-lining side inside of building envelopes 20 and 21, respectively, and since it has lapped with the inside for the head-lining surface part which consists of the bending sections 3a and 3b of the body 1 top of a carton box over the whole region mostly, it becomes double head lining substantially.

[0014]

According to the gestalt of this operation, the effectiveness as follows can be acquired.

[0015]

The inside of the body 1 of a carton box to two building envelopes 20 and 21 divided with the dashboard 10 (1) Fine particles, Although the force which presses broad lateral portion 2a of \*\*\*\*\* 12 of a dashboard 10 and the body 1 of a carton box to the sense of arrow heads P1 and P2 with the swelling of the bag 25 of right and left of drawing 4, respectively occurs when the bag 25 in which the granulation object was put is contained Since it is the structure where \*\*\*\*\* 12 on either side was bent and formed in the both sides of the crossing section 11 in the shape of a L character crank at one, the force of the arrow-head Q 2-way which offsets the thrust of an arrow head P2 which has joined right-hand side \*\*\*\*\* 12 by the thrust of the sense of an arrow head P1 which joined left-hand side \*\*\*\*\* 12 occurs. Moreover, the force of arrow-head Q1 direction which offsets the thrust of an arrow head P1 which has joined left-hand side \*\*\*\*\* 12 similarly by the thrust of the sense of an arrow head P2 which joined right-hand side \*\*\*\*\* 12 occurs.

Consequently, even if the bag 25 in which fine particles and a granulation object were put tends to deform, deformation of the sense which swells broad lateral portion 2a of \*\*\*\*\* 12 and the body 1 of a carton box outside by work of a dashboard 10 can be controlled, and internal receipt goods are packed up certainly and can be protected.

[0016]

The breadth of broad lateral portion 2a in the location which sets up the breadth of broad lateral portion 2a of the body 1 of a carton box the twice of the breadth of narrow lateral portion 2b, and carries out a dashboard 10 for 2 minutes (2) By Lycium chinense Two building envelopes 20 and 21 divided with the dashboard 10 can be made into the forward square pole-like space which has the equal volume mutually, and the receipt of a bag, and cylindrical [ other ] thru/or prismatic form goods which packed the fine particles of an approximate circle column configuration and a granulation object can be performed efficiently.

[0017]

In addition, although the upper and lower sides of the crossing section 11 and \*\*\*\*\* 12 of one side bent the piece 13 of inside bending of the upper and lower sides of a dashboard 10 up and down and being formed free in the gestalt of the above-mentioned implementation Since the piece 13 of inside bending should just lap, respectively inside the base of two building envelopes 20 and 21, and a head-lining side, it should just be formed in two tops of the three parts which

consist of said crossing sections 11 and two \*\*\*\*\* 12, and the two bottoms, respectively.

[0018]

Although the gestalt of operation of this design has been explained above, probably, as for this design, it will be obvious to this contractor for various kinds of deformation and modification to be possible within the limits of the publication of a claim, without being limited to this.

[0019]

[Effect of the Device]

As explained above, even when the bag in which fine particles and a granulation object were put is contained according to this design, there is little deformation and the carton box with a dashboard which packs up internal receipt goods certainly and can protect them can be realized.

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DESCRIPTION OF DRAWINGS

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[Brief Description of the Drawings]

[Drawing 1] It is the decomposition perspective view showing the gestalt of operation of the carton box with a dashboard concerning this design.

[Drawing 2] It is a perspective view in the condition of similarly having carried out insertion arrangement of the dashboard at the body of a carton box.

[Drawing 3] It is a perspective view in the condition of similarly having closed the base and top face of the body of a carton box.

[Drawing 4] In the gestalt of operation, it is the plane section Fig. showing the condition of having contained the bag in which fine particles and a granulation object were put.

[Description of Notations]

1 Body of Carton Box

2a Broad lateral portion

2b Narrow lateral portion

3a Broad bending section

3b Narrow bending section

10 Dashboard

11 Crossing Section

12 \*\*\*\*\*

13 Piece of Inside Bending

20 21 Building envelope

25 Bag

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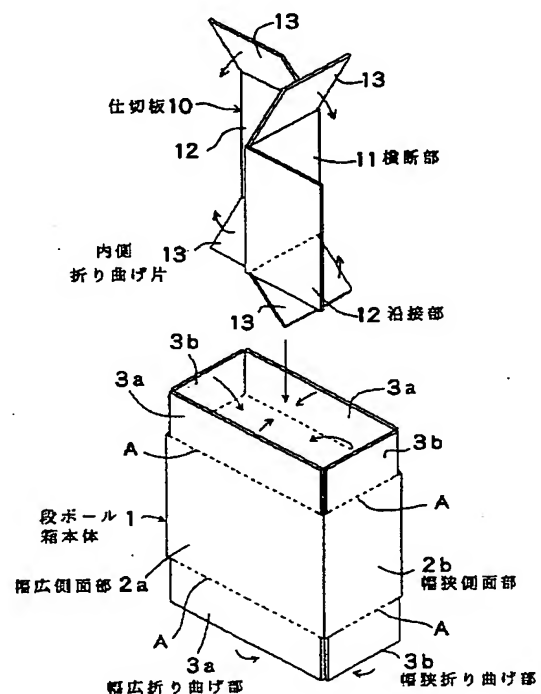
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(54)【考案の名称】 仕切板付き段ボール箱

(57)【要約】

【課題】 粉体、顆粒物を詰めた袋等を収納した場合でも、変形が少なく、内部の収納物品を梱包、保護できる仕切板付き段ボール箱を得る。

【解決手段】 段ボール箱本体1は4つの側面部とその上下にそれぞれ形成された折り曲げ部3a、3bとを有し、仕切板10は段ボール箱本体1の内部を2等分する位置を横断する横断部11と、横断部11の両側で相互に逆方向に横断部に対し折り曲げられていて段ボール箱本体1の側面部内壁にそれぞれ対接する沿接部12と、横断部11と2つの沿接部12からなる3つの部分のうちのいずれか2つの部分の上下にそれぞれ形成された内側折り曲げ片13とを有している。仕切板10の各内側折り曲げ片13は2分割された段ボール箱本体1の各内部空間の底面内側及び天井面内側に重ねて折り曲げられている。



## 【実用新案登録請求の範囲】

【請求項1】 段ボール箱本体と、該段ボール箱本体の内部を2分割する仕切板とを有する仕切板付き段ボール箱であって、

前記段ボール箱本体は4つの側面部と各側面部の上下にそれぞれ形成された折り曲げ部とを有し、

前記仕切板は前記段ボール箱本体の内部を2等分する位置を横断する横断部と、該横断部の両側で相互に逆方向に当該横断部に対しL字クランク状に折り曲げられていて前記段ボール箱本体の側面部内壁にそれぞれ対接する沿接部と、前記横断部と2つの沿接部からなる3つの部分のうちのいずれか2つの部分の上下にそれぞれ形成された内側折り曲げ片とを有し、

前記段ボール箱本体の内側に挿入配置された前記仕切板の各内側折り曲げ片が2分割された前記段ボール箱本体のそれぞれの内部空間の底面内側及び天井面内側に重ねて折り曲げられていることを特徴とする仕切板付き段ボール箱。

【請求項2】 段ボール箱本体と、該段ボール箱本体の内部を2分割する仕切板とを有する仕切板付き段ボール箱であって、

前記段ボール箱本体(1)は相互に対向する幅広側面部(2a)及び相互に対向する幅狭側面部(2b)からなる4つの側面部と各側面部の上下にそれぞれ形成された折り曲げ部(3a, 3b)とを有し、前記幅広側面部の横幅は前記幅狭側面部の横幅の2倍であり、

前記仕切板(10)は前記幅広側面部の横幅を2分する位置で前記段ボール箱本体内部を横断して2つの正四角柱状の内部空間(20, 21)を形成する横断部(11)と、該横断部の両側で相互に逆方向に当該横断部に対しL字クランク

状に折り曲げられていて前記段ボール箱本体の各幅広側面部内壁の略半分にそれぞれ対接する沿接部(12)と、前記横断部と2つの沿接部からなる3つの部分のうちの上側2箇所及び下側2箇所にそれぞれ形成された内側折り曲げ片(13)とを有し、

各内側折り曲げ片がそれぞれの内部空間の底面内側及び天井面内側のほぼ全域にわたり重ねて折り曲げられていることを特徴とする仕切板付き段ボール箱。

## 【図面の簡単な説明】

【図1】 本考案に係る仕切板付き段ボール箱の実施の形態を示す分解斜視図である。

【図2】 同じく仕切板を段ボール箱本体に挿入配置した状態の斜視図である。

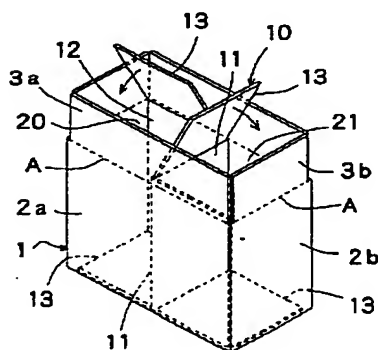
【図3】 同じく段ボール箱本体の底面及び上面を閉じた状態の斜視図である。

【図4】 実施の形態において、粉体、顆粒物を詰めた袋を収納した状態を示す平断面図である。

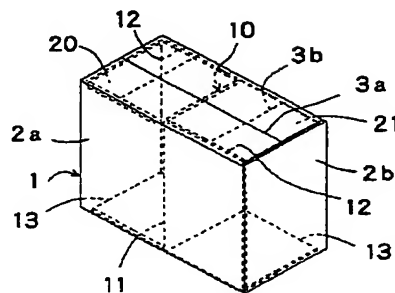
## 【符号の説明】

- 1 段ボール箱本体
- 2a 幅広側面部
- 2b 幅狭側面部
- 3a 幅広折り曲げ部
- 3b 幅狭折り曲げ部
- 10 仕切板
- 11 横断部
- 12 沿接部
- 13 内側折り曲げ片
- 20, 21 内部空間
- 25 袋

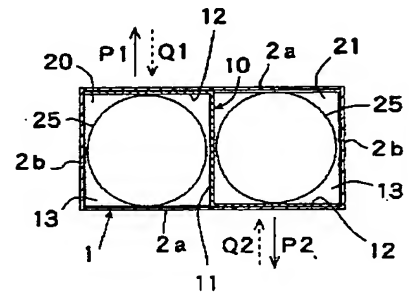
【図2】



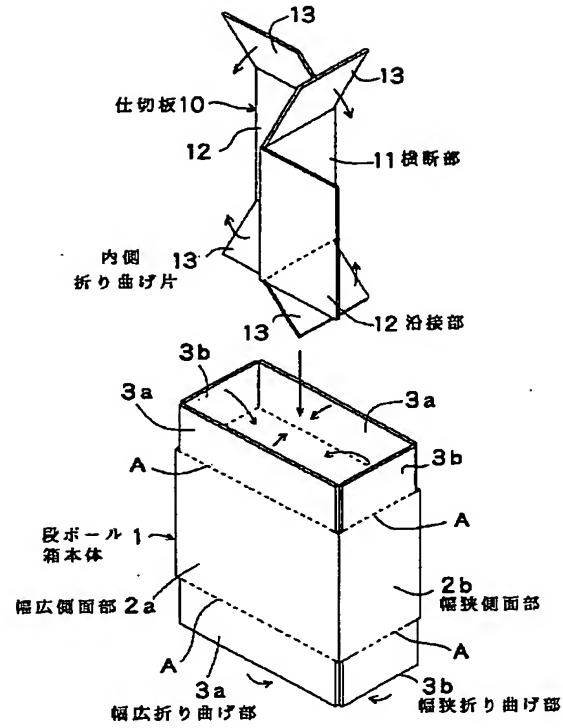
【図3】



【図4】



【図1】



**【考案の詳細な説明】****【0001】****【考案の属する技術分野】**

本考案は、粉体、顆粒物を詰めた袋等を2個収納するのに適した仕切板付き段ボール箱に関する。

**【0002】****【従来技術】**

従来から、段ボール箱の内側に仕切板を挿入し、複数の物品を収納することが行われている。但し、仕切板には格別の工夫はなく、例えば複数枚の板紙を交差させて組み合わせたもの等が一般的である。

**【0003】****【考案が解決しようとする課題】**

ところで、従来仕切板であると、物品を収納した際の段ボール箱の側面部分の膨らみを抑制する作用が無いため、収納する物品が粉体、顆粒物を詰めた袋等であると、当該袋等の変形に伴い段ボール箱の側面部分の膨らみを生じる。このため、輸送中等において段ボール箱の変形及び粉体、顆粒物を詰めた袋等の変形が著しくなり、段ボール箱の上部に空間ができて、袋内の粉体、顆粒物の体積不足と誤認されたりする問題もでてくる。

**【0004】**

本考案の目的は、上記の点に鑑み、粉体、顆粒物を詰めた袋等を収納した場合でも、変形が少なく、内部の収納物品を確実に梱包して保護できる仕切板付き段ボール箱を提供することにある。

**【0005】**

本考案のその他の目的や新規な特徴は後述の実施の形態において明らかにする。

**【0006】****【課題を解決するための手段】**

上記目的を達成するために、本考案に係る第1の仕切板付き段ボール箱は、段ボール箱本体と、該段ボール箱本体の内部を2分割する仕切板とを有するもので

あって、

前記段ボール箱本体は4つの側面部と各側面部の上下にそれぞれ形成された折り曲げ部とを有し、

前記仕切板は前記段ボール箱本体の内部を2等分する位置を横断する横断部と、該横断部の両側で相互に逆方向に当該横断部に対しL字クランク状に折り曲げられていて前記段ボール箱本体の側面部内壁にそれぞれ対接する沿接部と、前記横断部と2つの沿接部からなる3つの部分のうちの上側2箇所又は下側2箇所にそれぞれ形成された内側折り曲げ片とを有し、

前記段ボール箱本体の内側に挿入配置された前記仕切板の各内側折り曲げ片が2分割された前記段ボール箱本体のそれぞれの内部空間の底面内側及び天井面内側に重ねて折り曲げられていることを特徴としている。

#### 【0007】

本考案に係る第2の仕切板付き段ボール箱は、段ボール箱本体と、該段ボール箱本体の内部を2分割する仕切板とを有するものであって、

前記段ボール箱本体は相互に対向する幅広側面部及び相互に対向する幅狭側面部からなる4つの側面部と各側面部の上下にそれぞれ形成された折り曲げ部とを有し、前記幅広側面部の横幅は前記幅狭側面部の横幅の2倍であり、

前記仕切板は前記幅広側面部の横幅を2分する位置で前記段ボール箱本体内部を横断して2つの正四角柱状の内部空間を形成する横断部と、該横断部の両側で相互に逆方向に当該横断部に対しL字クランク状に折り曲げられていて前記段ボール箱本体の各幅広側面部内壁の略半分にそれぞれ対接する沿接部と、前記横断部と2つの沿接部からなる3つの部分のうちの上側2箇所及び下側2箇所にそれぞれ形成された内側折り曲げ片とを有し、

各内側折り曲げ片がそれぞれの内部空間の底面内側及び天井面内側のほぼ全域にわたり重ねて折り曲げられていることを特徴としている。

#### 【0008】

##### 【考案の実施の形態】

以下、本考案に係る仕切板付き段ボール箱の実施の形態を図面に従って説明する。

## 【0009】

図1乃至図4は本考案に係る仕切板付き段ボール箱の実施の形態であって、段ボール箱本体1と、該段ボール箱本体1の内部を2分割して2つの正四角柱状空間を形成する仕切板10とからなっている。

## 【0010】

図1に示すように、前記段ボール箱本体1は、4つの側面部、すなわち相互に対向する前面と背面となる幅広側面部2a及び左右側面となる幅狭側面部2bと、各側面部2a、2bの上下にそれぞれ形成された幅広折り曲げ部3a及び幅狭折り曲げ部3bとを有している。点線Aは各折り曲げ部3a、3bの折り曲げ線（折り曲げ位置）を示す。

## 【0011】

一方、段ボール板からなる仕切板10は、前記段ボール箱本体1の内部を2等分する位置を横断する横断部11と、該横断部11の両側で相互に逆方向に当該横断部11に対しL字クランク状に折り曲げられていて前記段ボール箱本体の幅広側面部2a内壁にそれぞれ対接する沿接部12と、前記横断部11と2つの沿接部12からなる3つの部分のうちのいずれか2つの部分（本例では横断部と片側の沿接部）の上下にそれぞれ形成された内側折り曲げ片13とを有している。換言すれば、前記3つの部分の上側2箇所及び下側2箇所に前記内側折り曲げ片13を設けておく。

## 【0012】

そして、図2のように、段ボール箱本体1の底面側の折り曲げ部3a、3bを折り曲げて閉じる。通常、幅狭折り曲げ部3bを側面部に対して直角に折り曲げてから幅広折り曲げ部3aを折り曲げ、粘着テープ等で段ボール箱本体1の底面を閉塞状態に保つ。その後、仕切板10の予め必要部分を折り曲げて段ボール箱本体1の内側に挿入配置する。このとき、横断部11が幅広側面部2aの横幅を2分する位置となることで、図4の如く段ボール箱本体1の内部が仕切板10で2等分され、予め幅広側面部2aの横幅を幅狭側面部2bの横幅の2倍に設定しておくことにより、仕切板10で仕切られた2つの等容積の内部空間20、21は正四角柱状となる。また、内部空間20、21の底面内側に沿って仕切板10

下側の内側折り曲げ片13がそれぞれ折り曲げられ、段ボール箱本体1の下側の折り曲げ部3a, 3bからなる底面部分の上にほぼ全域にわたり重なっている（実質的に2重底となる）。また、各沿接部12は各幅広側面部内側の略半分に対接して補強している。

#### 【0013】

図4のように、仕切板10で仕切られた等しい容積の内部空間20, 21に粉体、顆粒物を詰めた袋25をそれぞれ収納し、図2の如く仕切板10の上側の内側折り曲げ片13を折り曲げて内部空間20, 21の天井面（上面）を塞いだ後、図3のように段ボール箱本体1の天井面側の折り曲げ部3a, 3bを折り曲げて閉じる。通常、幅狭折り曲げ部3bを側面部に対して直角に折り曲げてから幅広折り曲げ部3aを折り曲げ、粘着テープ等で段ボール箱本体1の天井面（上面）を閉塞状態に保つ。このとき、内部空間20, 21の天井面内側に沿って仕切板10上側の内側折り曲げ片13がそれぞれ折り曲げられ、段ボール箱本体1の上側の折り曲げ部3a, 3bからなる天井面部分の内側にほぼ全域にわたって重なっているから、実質的に2重天井となる。

#### 【0014】

この実施の形態によれば、次の通りの効果を得ることができる。

#### 【0015】

(1) 段ボール箱本体1の内側を仕切板10で分割した2個の内部空間20, 21に粉体、顆粒物を詰めた袋25を収納した場合、図4の左右の袋25の膨らみによりそれぞれ矢印P1, P2の向きに仕切板10の沿接部12及び段ボール箱本体1の幅広側面部2aを押圧する力が発生するが、左右の沿接部12が横断部11の両側にL字クランク状に一体に折り曲げ形成された構造であるため、左側の沿接部12に加わった矢印P1の向きの押圧力によって右側の沿接部12に加わっている矢印P2の押圧力を相殺する矢印Q2方向の力が発生する。また同様に、右側の沿接部12に加わった矢印P2の向きの押圧力によって左側の沿接部12に加わっている矢印P1の押圧力を相殺する矢印Q1方向の力が発生する。この結果、粉体、顆粒物を詰めた袋25が変形しようとしても、仕切板10の働きにより沿接部12及び段ボール箱本体1の幅広側面部2aを外側に膨らまず向

きの変形を抑制でき、内部の収納物品を確実に梱包して保護できる。

【0016】

(2) 段ボール箱本体1の幅広側面部2aの横幅を幅狭側面部2bの横幅の2倍に設定して、仕切板10を幅広側面部2aの横幅を2分する位置におくことにより、仕切板10で仕切られた2つの内部空間20, 21を互いに等しい容積を持つ正四角柱状空間とすることができ、略円柱形状の粉体、顆粒物を詰めた袋、その他の円柱状乃至角柱状物品の収納を効率的に実行できる。

【0017】

なお、上記実施の形態において、仕切板10の上下の内側折り曲げ片13は、横断部11の上下及び片側の沿接部12の上下に折り曲げ自在に形成したが、内側折り曲げ片13は2つの内部空間20, 21の底面及び天井面の内側にそれぞれ重なればよいから、前記横断部11と2つの沿接部12からなる3つの部分のうちの上側2箇所及び下側2箇所にそれぞれ形成されていればよい。

【0018】

以上本考案の実施の形態について説明してきたが、本考案はこれに限定されることなく請求項の記載の範囲内において各種の変形、変更が可能なことは当業者には自明であろう。

【0019】

【考案の効果】

以上説明したように、本考案によれば、粉体、顆粒物を詰めた袋等を収納した場合でも、変形が少なく、内部の収納物品を確実に梱包して保護できる仕切板付き段ボール箱を実現できる。